

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "DMR DESIGN GUIDELINES & AUSTRROADS ")

TRAFFIC
VOLUMES NOT RESTRICTED

FOOTPATHS / CYCLEPATHS
TYPICAL BOTH SIDES BUT VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIRMENTS.

DESIGN SPEED
MAXIMUM DESIGN SPEED 100 km/h

LONGITUDINAL GRADE
MAXIMUM GRADE 16%. MINIMUM GRADE 0.2%

SURFACING
ASPHALT - MINIMUM THICKNESS 50 mm. UNDERLAID WITH 7mm PRIMERSEAL.

RESIDENTIAL ACCESS FUNCTION
NIL

STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

KERBING TYPE
BARRIER KERB & CHANNEL
MEDIAN KERB

SOUND ATTENUATION

SOUND ATTENUATION MEASURES SUCH AS MOUNDING, PLANTING AND / OR FENCING MAY BE REQUIRED BETWEEN THE STREET AND ABUTTING LOTS, IN ACCORDANCE WITH QUEENSLAND STREETS & COUNCIL POLICY.

VERGE TREES

ONE (1) TREE PER RESIDENTIAL ALLOTMENT OR SPACED AT APPROXIMATELY TWENTY (20) METRE INTERVALS, DEPENDENT ON SITE SAFETY CONSIDERATION AT THE DISCRETION OF THE MANAGER OF PARKS & RECREATION, & IN ACCORDANCE WITH POLICY 1.5 - FOOTPATH PLANTING & MAINTENANCE REQUIRMENTS.

INTERSECTIONS

INTERSECTIONS WITH ARTERIAL OR COLLECTOR ROADS WILL GENERALLY REQUIRE RIGHT TURN, DECELERATION, AND PASSING LANES AS DETERMINED FROM A TRAFFIC STUDY, WITH ONE (1) TO TWO (2) KILOMETRE INTERSECTION SPACINGS.

DRAINAGE

MINOR STORM - 1 IN 5 YEAR RETURN PERIOD. MAXIMUM STREET FLOW WIDTH IN ACCORDANCE WITH ENGINEERING DESIGN GUIDELINES FOR DRAINAGE. MAJOR STORM - 1 IN 100 YEAR RETURN PERIOD TO BE CONTAINED WITHIN THE LIMITS OF THE ROAD RESERVE, DRAINAGE RESERVE OR DRAINAGE EASEMENTS. FLOWS IN EXCESS OF THE MAJOR STORM ARE TO HAVE A POSITIVE RELIEF OUTLET.

DIMENSION

CARRIAGEWAY AND VERGE DIMENSIONS ARE MEASURED TO CHANNEL INVERT.

STANDARD DRAWINGS

PA3 - 865 STANDARD KERBS AND CHANNELS
PA3 - 867 STANDARD SLOTTED P.V.C. PIPE SUB-SOIL DRAIN
A2 - 500 STANDARD CONCRETE FOOTPATH

URBAN 1


DRAWING FILE NAME

\\MISC\ROAD HIERACHYA3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
A	30/01/08	REFERENCE REVISED	GH
AMENDMENTS AND REVISIONS			

DESIGNED
DRAWN
CHECKED
DATE 26/07/06

M.A.S. ORIGINAL SIGNED
BY G. HAWES
12/09/06
G. HAWES
RPEQ 5693


MACKAY
 CITY COUNCIL

EXECUTIVE MANAGER
 INFRASTRUCTURE SERVICES
 ORIGINAL SIGNED BY S.M. HOLLEY
 STUART HOLLEY
 DATE 13/09/06
 PHONE (07) 4968 4477
 FAX (07) 4944 2431

ARTERIAL ROAD
CROSS SECTION
 HIGHWAY MULTI LANE DIVIDED (URBAN)

DRAWING No.
A3-3608

AMEND. **A**

SHEET 1 OF 1